

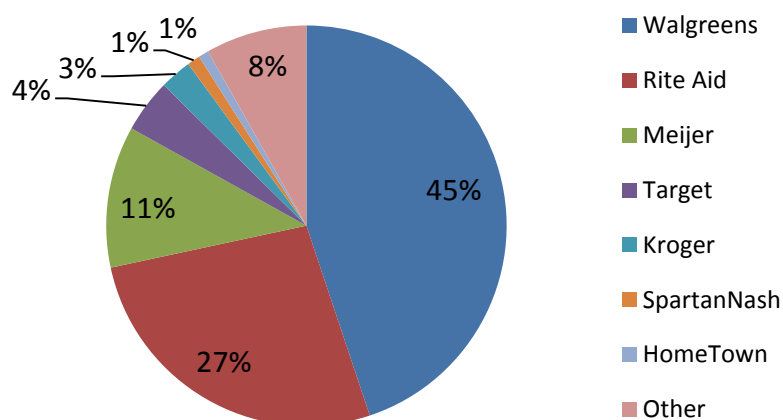
Pharmacies are unique sites for health services such as immunizations because they are easily accessible and offer convenient locations and hours. The number of pharmacies in Michigan administering vaccinations has continued to increase. Michigan's statewide immunization registry, the Michigan Care Improvement Registry (MCIR), should be utilized to track all vaccines administered in Michigan. All vaccine providers are recommended to report doses to MCIR for the following reasons:

- By law, providers are required to report ALL immunizations administered to every child less than 20 years of age within 72 hours of administration.
- MCIR was expanded to a lifespan registry in 2006; all adult vaccinations are strongly encouraged to be entered into the registry.
- The Michigan Pharmacists Association House of Delegates approved a resolution in February 2013 legislatively supporting a **requirement that all vaccinations be entered into MCIR, regardless of age.**
- MCIR is used to determine vaccination coverage; **if doses are not entered, the number of people who are protected from vaccine-preventable diseases cannot be assessed.**
- There are over 8.4 million individuals with a MCIR record. Providers routinely check MCIR to assess vaccination status; having up-to-date information in the registry ensures that people are not over or under-immunized.
- Comprehensive vaccine documentation in MCIR provides patients with a permanent up-to-date record of their vaccinations.
- The use of immunization registries promotes good public health practice.

Which pharmacies are entering data in MCIR (as of January 2014)?

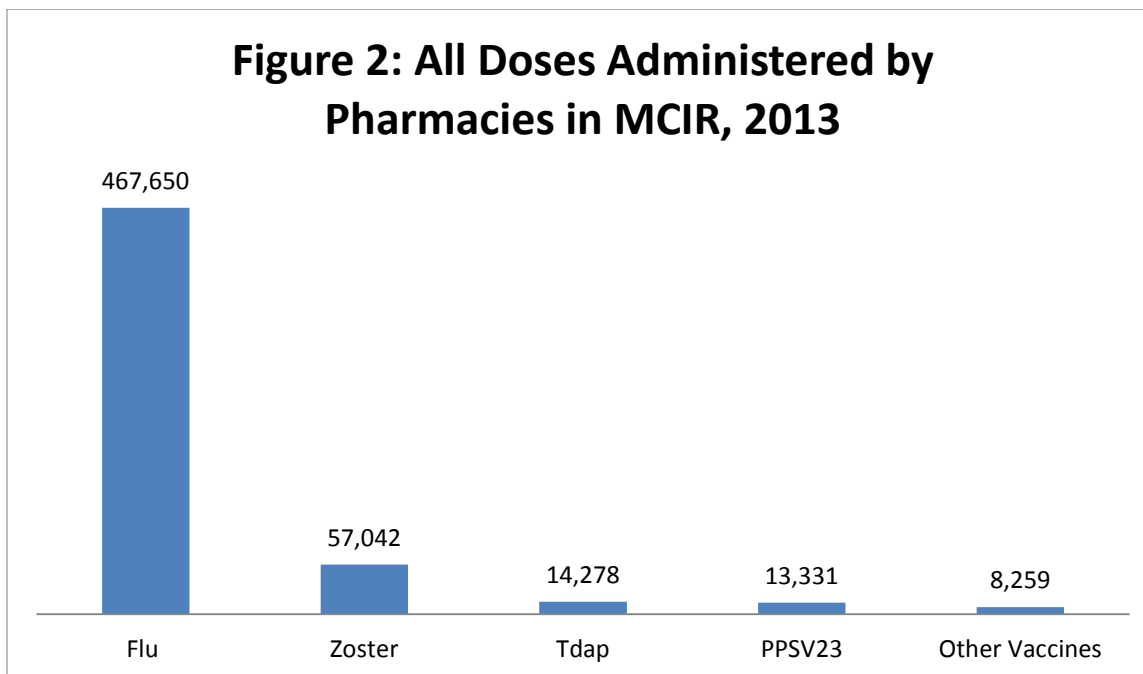
- Over 1,500 pharmacies are actively enrolled in MCIR
 - Many corporate pharmacies transfer data electronically to MCIR from their electronic health records. The data are recorded at the individual pharmacy level.
 - Walgreens (45%) and Rite Aid (27%) recorded a majority of the vaccines in MCIR (Figure 1).

Figure 1: All Pharmacy Doses in MCIR, 2013 by Corporation



What vaccines are being administered and recorded in MCIR by pharmacies?

- In 2013, pharmacies administered 65.7% of Zoster doses recorded in MCIR, 9.7% of pneumococcal polysaccharide (PPSV23) doses recorded in MCIR, and 3.2% of Tdap doses recorded in MCIR.
- However, the majority of the doses pharmacies administered in 2013 were influenza (Figure 2).



During the 2013-14 influenza season:

- 1,929,382 seasonal flu vaccines have been recorded in MCIR as of January 2014
- Pharmacies have entered 423,433 (22.0%) of the doses
 - During the 2012-13 flu season pharmacies entered 20% of the doses.
 - Nationally, an estimated 22% of adults and 3% of children received flu vaccinations at a pharmacy or store during the 2013-14 flu season.¹
- 1,003 individual pharmacy sites have entered flu vaccinations into MCIR so far this season
 - Last flu season, 964 pharmacies entered data.

The majority (87.8%) of flu vaccines recorded in MCIR by pharmacies were given to adults aged 25 years and older (Table 1).

Table 1. 2013-14 Flu Vaccines Administered by Pharmacies – MCIR Data by Age Group

| Age Group | # of Doses | Percent |
|------------------|------------|---------|
| 6 months-4 years | 1,256 | 0.5% |
| 5-12 years | 15,709 | 5.5% |
| 13-18 years | 16,142 | 11.3% |
| 19-24 years | 18,461 | 26.7% |
| 25-49 years | 90,022 | 26.3% |
| 50-64 years | 124,161 | 32.7% |
| 65+ years | 157,682 | 34.5% |

Frequently Asked Questions for pharmacies who want to enter vaccination data into MCIR:

Q1: *What initial steps do I need to take to enroll in MCIR?*

A1: 1) Determine who will be the Site Administrator at your pharmacy. This person is responsible for registering and monitoring MCIR User accounts for the organization. Site Administer training is available [here](#).
2) Complete the MCIR Provider [User/Usage Agreement](#) and fax the completed form to [the appropriate contact](#).

Q2: *What do I need to do once I have completed the User/Usage Agreement and have received an email message from mcir@michigan.gov with the subject "MCIR User Registration"?*

A2: Complete the MCIR User Registration – A One Time, Four Step Process. [This link](#) outlines how.

Q3: *How do I use MCIR to find (or add) patients and record immunizations?*

A3: This [tip sheet](#) provides a step-by-step process.

Q4: *How often should I submit data electronically to MCIR?*

A4: Ideally on a daily basis. If you are uploading from an EMR, this process takes approximately 5 minutes at the end of the day.

Q5: *Does using MCIR require a lot of work?*

A5: Once you have a process in place, there is minimal work required.

Q6: *Who do I contact if I have questions?*

A6: MCIR Regional contacts can [be found here](#). You can also contact the MCIR help desk at 1-888-243-6652 or email at MCIRhelp@mphi.org.

Q7: *Can I use my pharmacy system to upload data?*

A7: You may be able to. Both EXT and HL7 formats are available. More information is available on the provider transfer [here](#) and additional information is [here](#).

Additional Information:

- Patients must be provided with an up-to-date Immunization Record that includes doses administered at pharmacies. Additional information can be found in the [AIM toolkit](#).
- Make sure you are using the [Michigan Vaccine Information Statements](#) (VIS)
 - VIS are information sheets produced by the CDC that explain both the benefits and risks of a vaccine to vaccine recipients, their parents, or their legal representatives. Federal law requires that VIS be handed out whenever certain vaccinations are given.
 - **In Michigan, it is important that Michigan versions of VIS are distributed because they include verbiage that informs the vaccine recipient that their immunization data will be entered into MCIR.**
- If you enter your vaccine information in the Health Map Vaccine Finder (<http://flushot.healthmap.org/>) please make sure your information is up-to-date.

For more information on participating in MCIR, visit: <http://www.mcir.org/Pharmacyinfo.html>. For additional information on seasonal influenza vaccination, visit: www.michigan.gov/flu or www.cdc.gov/flu.

Please contact Stefanie DeVita, RN, MPH, Influenza Epidemiologist with MDCH, at 517-335-3385 or DeVitaS1@michigan.gov if you have questions.